

CEMENT JOB REPORT



CUSTOMER Marathon Oil Company		DATE 31-MAY-09	F.R. # 519010106		SERV. SUPV. TIMOTHY L HAFER					
LEASE & WELL NAME 696-06A-13 - API 05045168470000		LOCATION 34-5S-96W			COUNTY-PARISH-BLOCK Garfield Colorado					
DISTRICT Grand Junction		DRILLING CONTRACTOR RIG # H & P 324			TYPE OF JOB Misc Pump - Misc					
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES						
9-5/8" Top Cem Plug, Nitrile cvr, Phe		Float Shoe 9-5/8 - 8rd		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
MATERIALS FURNISHED BY BJ										
type III+2% CaCl ₂ +0.04 static free+10% A-10+5 Gal				2,513	14.2	1.47	7.35		657.9	439.76
FP-13L					14.2	1.47	7.35		0	0
WATE					8.34				25	
Available Mix Water <u>2000</u> Bbl. Available Displ. Fluid <u>2000</u> Bbl.				TOTAL					682.9	439.76
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
14.75			9.625	36	CSG	2450	J-55			
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD
									9.625	8 RD
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator
25	BBLS	WATE	8.34	0	0	0	0	0	0	100
										frac tanks

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: none

PRESSURE/RATE DETAIL						EXPLANATION			
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input type="checkbox"/>			
	PIPE	ANNULUS				TEST LINES 0 PSI			
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			
						10 BUCKETS OF GRAVEL			
03:25						START 1ST TOP OUT			
03:25	43	0	2.1	26	CEMENT	PUMP TOP OUT CEMENT			
						10 BUCKETS OF GRAVEL			
06:20						START 2ND TOP OUT			
06:20	44	0	2.1	26	CEMENT	PUMP TOP OUT CEMENT			
						10 BUCKETS OF GRAVEL			
09:15						START 3RD TOP OUT			
09:15	45	0	2.1	26	CEMENT	PUMP TOP OUT CEMENT			
						10 BUCKETS OF GRAVEL			
12:18						START 4TH TOP OUT			
12:18	50	0	2.2	26	CEMENT	PUMP TOP OUT CEMENT			
						10 BUCKETS OF GRAVEL			
16:40						START 5TH TOP OUT			
16:40	42	0	2.2	34	CEMENT	PUMP TOP OUT CEMENT			
						10 BUCKETS OF GRAVEL			
20:07						START 6TH TOP OUT			
20:07	50	0	2.3	26	CEMENT	PUMP TOP OUT CEMENT			
						10 BUCKETS OF GRAVEL			
23:40						START 7TH TOP OUT			
23:40	50	0	2.3	26	CEMENT	PUMP TOP OUT CEMENT			
						10 BUCKETS OF GRAVEL			
02:58						START 8TH TOP OUT			
02:58	50	0	2.3	26	CEMENT	PUMP TOP OUT CEMENT			
						10 BUCKETS OF GRAVEL			

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TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	0 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
05:33						START 9TH TOP OUT	
05:33	50	0	2.3	26	CEMENT	PUMP TOP OUT CEMENT	
						10 BUCKETS OF GRAVEL	
10:26						START 10 TH TOP OUT	
10:26	43	0	2.2	26	CEMENT	PUMP TOP OUT CEMENT	
						JAMES BUNNEL , REPLACED BY TIM HAER	
						20 BUCKETS OF GRAVEL	
13:31						START 11TH TOP OUT	
13:31	43	0	2.2	26	CEMENT	PUMP TOP OUT CEMENT	
						20 BUCKETS OF GRAVEL	
16:17						START 12TH TOP OUT	
16:17	43	0	2.2	26	CEMENT	PUMP TOP OUT CEMENT	
						20 BUCKETS OF GRAVEL	
19:16						START 13TH TOP OUT	
19:16	100	0	2.5	26	CEMENT	PUMP TOP OUT CEMENT	
						20 BUCKETS OF GRAVEL	
22:26						STAR 14TH TOP OUT	
22:26	160	0	3	26	CEMENT	PUMP TOP OUT CEMENT	
						PUMP 20 BUCKETS OF GRAVEL	
02:19						START 15TH TOP OUT	
02:19	140	0	3	26	CEMENT	PUMP TOP OUT CEMENT	
02:52						RIG UP STAND PIPE FOR SQUEEZE ON 27	
						20 BUCKETS OF GRAVEL	
						START 16TH TOP OUT	
10:18	100	0	2.5	26	CEMENT	PUMP TOP OUT CEMENT	
						20 BUCKETS OF GRAVEL	
13:57						START 17TH TOP OUT	
13:57	80	0	2	26	CEMENT	PUMP TOP OUT CEMENT	
						20 BUCKETS OF GRAVEL	
16:46						START 18TH TOP OUT	
16:46	80	0	2.5	26	CEMENT	PUMP TOP OUT CEMENT	
						20 BUCKETS OF GRAVEL	
18:12						START 19 TH TOP OUT	
18:12	125	0	2.8	26	CEMENT	PUMP TOP OUT CEMENT	
						20 BUCKETS OF GRAVEL	
21:17						START 20TH TOP OUT	
21:17	25	0	2.8	26	CEMENT	PUMP TOP OUT CEMENT	
22:18						RIG UP IRON FOR SQUEEZE ON# 13WELL	
23:39						WAITING ON RIG TO GET BACK IN THE HOLE	
						20 BUCKETS OF GRAVEL	
03:17						START 21TH TOP OUT	
03:17	64	0	2.8	26	CEMENT	PUMP TOP OUT CEMENT	
05:00						WAITING ON RIG TO SKID	
						20 BUCKETS OF GRAVEL	
07:27						START 22ND TOP OUT	
07:27	64	0	2.8	26	CEMENT	PUMP TOP OUT CEMENT	
						20 BUCKETS OF GRAVEL	
11:00						START 23TH TOP OUT	

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TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES 0 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
11:00	58	0	2.8	13	CEMENT	PUMP TOP OUT CEMENT	
						20 BUCKETS OF GRAVEL	
14:20						START 24TH TOP OUT	
14:20	140	0	3	13	CEMENT	PUMP TOP OUT CEMENT	
						20 BUCKETS OF GRAVEL	
16:27						START 25TH TOP OUT	
16:27	50	0	1.16	65	CEMENT	PUMP TOP OUT CEMENT	
17:30						1 BBL OF CEMENT BACK TO SURFACE	
						WAITED 1HR TO SEE IF IT WOULD DROP .	
						DID NOT DROP .	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1	657.9	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	